

PATENT
ATTORNEY DOCKET NO.: JHU1510-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Beachy et al.
Parent Serial No. 09/934,035
Parent Filing Date August 21, 2001
Serial No.: Not Yet Assigned
Filed: October 1, 2003
Title: MODULATION OF HEDGEHOG-MEDIATED SIGNALING PATHWAY

Art Unit: Not Yet Assigned
Examiner: Not Yet Assigned

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/934,035, filed August 21, 2001, which is relied upon for an earlier filing date under 35 USC § 120. For the convenience of the Examiner, copies of the PTO Forms 892 and 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.10 "EXPRESS MAIL" Mailing Label Number: <u>EV 318 739 965 US</u> Date of Deposit: <u>October 1, 2003</u>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
JASON BERRY (Name of Person Mailing Paper)	
<u>Jason Berry</u> (Signature)	<u>October 1, 2003</u> (Date)

In re Application of:

Beachy et al.

Application No.: Not Yet Assigned

Filed: October 1, 2003

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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: October 1, 2003


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USPTO CUSTOMER NUMBER 28213
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San Diego, CA 92121-2133

APPLICATION FOR

Sheet 1 of 1
S & AttachSUBSTITUTE FORM PTO-1449
(MODIFIED)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
07265/141001SERIAL NO.
09/023,249INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Beachy et al.FILING DATE
2/13/98GROUP
1643

(37 CFR 1.98(b))

1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AA	5	8	4	4	0	7	9	12/1/98	Ingham et al.	530	350	
↓	AB	5	7	8	9	5	4	3	8/4/98	Ingham et al.	530	350	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AC						

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AD	AD	AD
AE	AE	AE
AF	AF	AF
AG	AG	AG
EXAMINER <i>McKeeley</i>		DATE CONSIDERED <i>12/14/98</i>

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO 07265/141001	#142	SERIAL NO. 09/023,249 09/934,035
(not previously sent) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT: Beach et al.		J-54035 J-54035 J-54035 J-54035	
(37 CFR 1.98(b))		FILING DATE 2/13/98		GROUP 1636	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	AB						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AC							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

<i>TM</i>	AD	Alexandre et al. "Transcriptional activation of hedgehog target genes in Drosophila is mediated directly by the Cubitus interruptus protein, a member of the GLI family of zinc finger DNA-binding proteins", Genes & Development, 10:2003-2013, (1996)
<i> </i>	AE	Krishnan et al., "Mediation of Sonic Hedgehog-Induced Expression of COUP-TFII by a Protein Phosphate", SCIENCE, 278:1947-1950 December 12, 1997.
<i> </i>	AF	Marigo and Tabin, "Regulation of Patched by Sonic hedgehog in the developing neural tube", Proc. Natl. Acad. Sci. USA, 93:9346-9351 (1996)
<i> </i>	AG	Zarkower and Hodgkin, "Molecular Analysis of the C. elegans Sex-Determining Gene tra-1: A Gene Encoding Two Zinc Finger Proteins, CELL 70:237-249 July 24, 1992

EXAMINER *Feng A. McElroy* DATE CONSIDERED 12/14/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notic of References Cited		Application/Control No. 09/934,035	Applicant(s)/Patent Under Reexamination BEACHY ET AL.	
		Examiner Terry Mckelvey	Art Unit 1636	Page 1 of 1

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*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-6,261,786 B1	07-2001	Marigo et al.	435/7.1
B	US-6,214,794 B1	04-2001	Beachy et al.	514/12
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)	
U	Frank Van Leeuwen et al, Letters To Nature, Vol 368, March 1994	
V		
W		
X		

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Notice of References Cited</i>			Application No. 09/023,249	Applicant(s) Beachy et al.		
			Examiner Terry A. McKelvey	Group Art Unit 1636	Page 1 of 1	
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME		CLASS	SUBCLASS
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FOREIGN PATENT DOCUMENTS						
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N						
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NON-PATENT DOCUMENTS						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
U	Zarkower et al, Cell, Volume 70: pages 237-249.					7/24/92
V	Krishnan et al, Science, Vol. 278: pages 1947-1950.					12/97
W	Ngo et al, The Protein Folding Problem and Tertiary Structure Prediction, Mertz et al (eds.), Birkhauser, Boston, pages 433 and 492-495.					1994
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